

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Canceled) .

2. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim 1 8, wherein the detector detects the propagation conditions using the transmission ~~level~~ levels of common control channel signals communicated by ~~a~~ the plurality of base stations and the reception ~~level~~ levels of the common control channel signals transmitted by the plurality of base stations.

3. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim 1 8, wherein the detector detects the propagation conditions using the transmission ~~level~~ levels of dedicated traffic channel signals from ~~a~~ the plurality of base stations and the reception ~~level~~ levels of the dedicated traffic channel signals transmitted by the plurality of base stations.

4. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim 1 8, wherein the transmitter transmits ~~an~~ the dedicated traffic channel signal to the selected base station using with a transmit power value set with an open loop using and based upon the propagation condition detected for the selected ~~from each base station to the base station selected by the selector.~~

Claims 5-7 (Canceled).

8. (New) A TDMA-TDD based transmission/reception apparatus mounted in a mobile station and transmitting and receiving signals by providing a downlink traffic slot and an uplink traffic slot alternately in a traffic frame, the transmission/reception apparatus comprising:

a detector that receives signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detects propagation conditions with the plurality of base stations respectively;

a selector that, based on detection results of the propagation conditions, selects a base station corresponding to an optimal propagation condition from among the plurality of base stations; and

a transmitter that assigns an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover and transmits a dedicated traffic channel signal only to the selected base station.

9. (New) A TDMA-TDD based transmission/reception method in a mobile station, the method comprising:

receiving signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detecting propagation conditions with the plurality of base stations respectively;

selecting a base station corresponding to an optimal propagation condition from among the plurality of base stations based on detection results of the propagation conditions; and

assigning an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover; and

transmitting a dedicated traffic channel signal only to said selected base station.

10. (New) A base station that carries out a radio communication with a TDMA-TDD based transmission/reception

apparatus mounted in a mobile station and transmitting and receiving signals by providing a downlink traffic slot and an uplink traffic slot alternately in a traffic frame, the transmission/reception apparatus comprising:

a detector that receives signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detects propagation conditions with the plurality of base stations respectively;

a selector that, based on detection results of the propagation conditions, selects a base station corresponding to an optimal propagation condition from among the plurality of base stations; and

a transmitter that assigns an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover and transmits a dedicated traffic channel signal only to the selected base station.